MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

APRIL, 1925

J. A. BROWN, DIRECTOR

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APRIL 1925
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass		
1	761.1	761.2	762.5	761.6	19.1	14.8		5.1	0.40
2	59.0	54.8	51.1	55.0	15.3	12.0		0.0	5.94
3	3.5	3.7	3.2	3.3	14.8	10.2		3.5	12.03
4	5.7	8.6	9.0	7.8	16.3	7 4		8.6	1.78
5	61.8	62.1	63.2	62.4	17.0	9.0		6.0	6.09
6	3.3	3.0	2.8	3.0	18.4	9.6		10.5	
7	1.8	0.9	1.6	1.4	21.2	12.2		3.5	
8	1.8	0.8	2.1	1.6	20.6	12.8		3.5	
9	3.2	2.1	1.7	2.3	19.7	12.9		10.3	
10	56.7	57.6	57.4	57.2	21.8	13.4		5.0	
11	6.5	8.5	60.5	8.5	19.7	13.5		1.5	0.76
12	60.5	61.6	58.0	60.0	20.7	12.5		4.3	3.81
13	50.8	54.3	6.1	53.7	26.4	12.3		0.0	
14	8.8	9.8	61.4	60.0	20.9	15.3		6.5	
15	61.1	61.8	3.1	2.0	20.4	13 7		8.5	
16	2.7	2.3	2 4	2.5	20.4	14.0		3.0	
17	1.4	1.7	3.4	2.2	19.9	12.3		2.3	14.22
18	4.6	3.9	2.9	3 8	19.6	12.2		10.0	
19	1.3	1.7	1.5	1.5	19.2	13.5		3.5	1.78
20	3.5	4 0	4 6	4.0	20.1	12.4		8.6	0.76
21	4.8	4.7	4.5	4.7	19.9	12 3		10.6	
22	5.1	5.1	5.6	5.3	22.6	14.1		11.0	
23	4.6	4.3	2.0	3.6	26.0	16.2		10.5	
24	0.4	58.6	58 5	59.2	26.0	16.4		7.5	
25	58 3	7.8	8.6	8 2	24.1	15 2		7.0	
26	9.0	9.4	60.6	9.7	22.4	14.6		9.9	
27	61.2	60.4	0.5	60.7	23.1	16.7		6.5	
28	59.1	58.4	58.8	58.8	25.2	16.6		5.0	
29	8.6	9.3	9.5	9.1	22.5	17.2		11.0	
30	9.2	9.3	9.1	9.2	22.6	16.8		11.1	
	760.31	760.39	760.54	760.42	20.86	13.40		6.54	47.57

BAROMETER

Maximum	765.6	on 22
Minimum	750.8	on 13

THERMOMETER

Maximum	26.4	on 13
Minimum	7.4	on 4

RAINFALL

Maximum	14.22	on 17

Number of days with rain 10

Thunderstorms 3 Fog 1 Gale 2

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Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8.30	2.30	8:30	Mean	8:30	2:30	8:30	8:30	2;30	8:30	Mean	8:30	2:30	8:30	Mean
1	16.3	16.6	14.6	15.8	12.1	13.0	10.7	8.2	9.1	7.6	8.3	59	65	61	62
2	13.3	11.8	14.1	13.1	10.3	10.7	12.1	7.8	8 9	9.3	8.7	68	86	77	77
3	10.9	12.6	11.0	11.5	9.3	10.4	9.3	8.8	8.2	8.8	8 6	80	77	80	79
4	13.7	15.7	14.6	14.7	9.8	12.8	11.3	7.2	9.4	8.3	8.3	62	71	67	67
5	16.2	17.2	15.2	16.2	12.1	11.8	11.3	8.3	7 6	8 0	8 0	60	52	62	58
6	14.8	17.0	16.7	16 2	8.4	10.9	11.7	5.8	6.8	8 2	6 9	45	47	62	51
7	16.9	19.6	16.8	17 8	12.9	15.1	14.4	8.9	10.2	10.8	10.0	63	60	76	66
8	16.3	20.1	15.1	17.2	13.3	16.8	14.6	9.6	12.1	11.6	11.1	70	69	88	76
9	16.7	19.6	16.8	17.7	14.8	16.3	14.0	11.3	6.6	10.3	9.4	80	69	72	74
10	16 9	10.1	16.4	17.5	15.3	14.3	13.4	11.8	9.5	9 7	10.3	82	58	70	70
11	15.9	19.4	16.8	17.4	13.2	16 4	13.7	9 7	12.0	9.9	10.5	72	71	70	71
12	17.6	18.3	16.4	17.4	14.2	15.3	14.2	10.0	11.1	10 7	10.6	67	71	77	72
13	18.3	20 2	17.8	18.8	16.4	16.7	15.1	7.5	11.8	11.1	10.1	81	66	73	73
14	19.6	19.9	17.8	19 1	15.6	16.2	14 7	10.7	11.4	10.5	10.9	63	66	69	66
15	17.8	19.8	18.5	18.7	15 2	15.7	15.2	11.2	10.8	10.8	10 9	74	62	69	68
16	16.9	19.3	17.6	17.9	14.1	15.4	14.8	10.2	10.7	10 8	10 6	72	64	73	70
17	16.6	18.1	16.9	17.2	13.8	14.2	14.1	10.1	9.8	10 3	10.1	78	63	71	69
18	16.7	19.3	17.2	17.7	13.2	14 9	13.4	9.3	10.0	9 3	9.5	66	60	64	63
19	16.7	15.8	14.7	15 7	13 5	13 2	11.9	9 7	9.7	8.8	9.4	69	73	71	71
20	16.5	19 7	17.1	17 8	12.6	16.9	13.7	8 7	12.6	9.7	10.3	63	74	67	68
21	17.5	19.6	16.4	17.8	12.8	14.6	12.5	8.4	9.6	8.7	8 9	56	56	63	58
22	17.5	21.8	19.1	19.5	13.9	16.6	14.6	9 7	11.0	9 8	10 2	65	57	60	61
23	20.1	22.5	19.7	20 8	17.0	16 9	14.7	12.3	11 0	9.6	11.0	70	54	56	60
24	22.5	22.1	20.2	21.6	16.8	19 0	16 9	10.9	14.1	12 1	12.4	53	71	68	64
25	19.2	23.8	19.5	20.8	17.6	17 6	16 3	13 9	11.3	11.8	12 3	84	52	70	69
26	19.6	21.9	20 1	20.5	16.9	17.6	15 7	12.6	12.2	10.7	11.8	74	62	61	66
27	20.2	21 9	19 6	20.6	18.1	18.4	11.8	13.8	10.8	12.4	12.2	79	67	73	73
28	20 9	22.6	20.2	21.2	19.2	18 3	15.8	15.2	12.8	10.7	12 9	83	63	60	69
29	21.3	21.9	17.4	20.2	18.0	17.1	15.6	13.1	11.5	12.2	12.3	69	59	86	71
30	20 0	21.9	17.4	19 8	16 7	17 0	15 6	12.0	11.4	11.9	11.8	68	58	80	69
	17.45	19 30	17.06	17.94	14.24	15 34	13.49	10 22	10.47	10 15	10 28	69 0	64 1	69.9	67 7

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometer above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1·70 m
Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m
Gravity Correction — 0.79mm.
Time of readings according to Standard Time of 30th E. Meridian.

APRIL 1925

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	5cu n	6cu n	4	5.0	2	2	1	425.3	slight	
2	10n	10n	7 n	9.0	1	2nw	1nw	227.4	calm	
3	10n	10 n	10n	10.0	1n	2nw	3nw	654.0	,,	thunder-
4	6cu n	6	3	5.0	2nw	1nw	1nw	320.6	,,	storm
5	3	5	0	2 7	1	1	2	346.0	,,	thunder-
6	0	6	0	2 0	1nw	1nw	1nw	124.2	,,	storm
7	3	6	0	4.7	1	1	2	264.1	,,	
8	9cu ci	8	0	5.7	1	1	1	130.6	,,	
9	0	0	0	0 0	1	1	0	119.4	,,	
10	0	10n	5	5.0	1	1	2w	178.8	,,	
11	10n	6	5	7.0	3	2	1	412.2	rough	gale
12	5	8	5	6.0	1	2	1ne	220.5	calm	
13	10 n	5	0	5.0	1ne	3	1	412.2	rough	gale
14	3	0	0	1.0	1	2 w	1	355.9	calm	
15	8	2	7	5.7	0	2	0	99.2	,,	
16	10cu n	10n	0	6.7	1nw	1nw	1nw	159.5	,,	
17	10cu n	10n	7n	9.0	1	1ne	1nw	170.6	,,	thunder-
18	0	3	0	1.0	1	2	1	249.6	,,	storm
19	10n	5	9n	8.0	1	3w	1	274.6	rough	
20	4	3	2	3.0	1	2	1	246.5	calm	
21	0	0	0	0.0	1nw	1	3	243.0	,,	
22	0	0	0	0.0	1	2	2	394 4	,,	
23	0	0	0	0.0	1nw	1	1	249.9	,,	
24	6	0	0	2.0	1	1	1	266.7	,,	
25	0	0	0	0.0	0	1	1	179.6	,,	
26	0	0	0	0.0	1	1	0	130.3	,,	fog
27	8ci	0	0	2.7	1nw	1	1	161.9	,,	
28	3	0	0	1 0	1	1	1	210.8	,,	
29	0	0	0	0.0	2w	1	1	190.1	,,	dew
30	0	0	0	0.0	2	2	1	286.7	,,	
				3.58				256.62		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	1	0	0	0	19	1	6	2
2:30	0	1	0	0	0	22	2	5	0
8:30	0	1	0	0	0	19	1	6	3
Totals	1	3	0	0	0	60	4	17	5